



MARSHALL STAR

Marshall Space Flight Center

Oct. 18, 2001

Marshall mail handlers advised of anthrax precautions

by Debra Valine

With the growing number of cases of exposure to anthrax spores through contaminated letters and parcels, Marshall's mail handlers are taking added precautions.

To date, one suspicious package has been received in Marshall's mailroom, and it has been put in a secure container until it can be inspected by medical authorities and the fire department.

On Monday, Terry Odum, deputy manager of Marshall's Protective Services, briefed mail handlers of possible indicators that mail has been altered.

"Since incidents of anthrax exposure so far have been perpetuated through the mail service, we needed to be aware of procedures for handling suspicious letters and packages," said David Crutcher, the mailroom supervisor employed by Cortez III.

Odum said to look for letters and parcels that have no return address and/or restrictive markings. Other indicators include:

- Possible mail from another country
- Excessive postage
- Misspelled words
- Addressed to title only or incorrect title
- Protruding wires

See *Anthrax* on page 8

NASA administrator announces resignation

NASA news release

After nearly 10 years as the head of NASA, Administrator Dan Goldin on Wednesday announced his resignation, effective Nov. 17.



Goldin

"For nearly a decade, it has been my honor to serve the American people by leading our Nation's space program and its dedicated personnel," Goldin said in a

letter to President George W. Bush. "It was the highlight of my life when your father asked me in 1992 to serve as America's ninth administrator for the National Aeronautics and Space Administration."

In his letter, Goldin added he was happy and proud to serve three presidents and considered it an honor and a duty to stay when President Bush asked him to minister the office until a new NASA administrator was found.



Photo by Terry Leibold, NASA/Marshall Space Flight Center

STS-105 crew visits Marshall

The Space Shuttle crew that flew the Discovery STS-105 mission in August visited Marshall Tuesday. Crew members Commander Scott Horowitz, Pilot Rick Sturckow, and Mission Specialists Daniel Barry and Patrick Forrester presented highlights of their mission, and presented Center Director Art Stephenson with a memento of the mission. See page 5 for coverage of the STS-104 crew visit on Oct. 5.



Photo by Doug Stoffer, NASA/Marshall Space Flight Center

Latin Dance theme of art show

Nini de la Torre's exhibit "Island Dancing" was on display in the Bldg. 4200 lobby Oct. 1-17 as part of the Marshall Center's Hispanic Heritage Month observance. On Oct. 12, the artist presented a workshop of creative conceptualizing for Huntsville-area middle school students, and on Tuesday, she attended a "meet the artist" reception in the Bldg. 4200 lobby.

NASA Administrator launches campaign

Endeavour to carry flags for Sept. 11 heroes, families

NASA news release

In a unique extension of a tradition that dates back to the beginning of human space flight, NASA Administrator Dan Goldin announced Oct. 11 that the next mission of Space Shuttle Endeavour will honor the victims of last month's terrorist attacks in New York, Washington and Pennsylvania.

In announcing the "Flags for Heroes and Families" campaign, Goldin said thousands of American flags will be carried into space by Endeavour and its seven-member crew and will be distributed to the victims' families and survivors of the September attacks.

"The 'Flags for Heroes and Families' campaign is a way for us to honor and show our support for the thousands of brave men and women who have selflessly contributed to the relief and recovery efforts," Goldin said. "The American flags are a patriotic symbol of our strength and solidarity, and our nation's resolve to prevail."

As part of this NASA-sponsored effort, nearly 6,000 American flags will be carried into orbit aboard Endeavour. The mission, known as STS-108, is currently scheduled for lift-off from NASA's Kennedy Space Center in Florida Nov. 29.

"NASA wanted to come up with an appropriate tribute to the people who lost their lives in the tragic events of Sept. 11," Goldin said. "America's space program has a long history of carrying items into space to commemorate historic events, acts of courage and dramatic achievements. 'Flags for Heroes and Families' is a natural extension of this ongoing outreach project."

The legacy of flying American flags to space started in 1961 with the flight of the first American astronaut, Alan Shepard. Students from Cocoa Beach Elementary School in Florida purchased a flag from a local department store, which was later rolled up and placed between cables behind Shepard's head inside his Freedom 7 Mercury spacecraft.

The flags carried into orbit as part of the "Flags for Heroes and Families" effort will be returned to Earth at the end of STS-108, mounted on specially designed memorial certificates, and presented to the survivors and families of the victims in New York and the Pentagon, and to the families of the heroes killed aboard United Airlines flight 93, which crashed in Pennsylvania.

On Oct. 10, Goldin presented the city of New York and Mayor Rudolph Giuliani with an American flag carried into space on

a previous Space Shuttle flight. The Administrator announced plans to present new flags to each New York firehouse and police precinct that has played a role in the rescue and recovery efforts.

"We feel 'Flags for Heroes and Families' is a fitting tribute from our Nation's space program to honor those affected by this American tragedy," Goldin said. "The entire NASA family has come together with a historic display of unity on a project designed to comfort of all who have been touched by these horrific events."

STS-108 will be the 12th Space Shuttle mission to visit the International Space Station. Endeavour will deliver the Expedition Four Crew — Commander Yuri Onufrienko of Rosaviakosmos and American flight engineers Carl Walz and Dan Bursch — and return the Expedition Three crew home to Earth.

Dominic Gorie will command STS-108, and Mark Kelly will serve as pilot. Astronauts Linda Godwin and Daniel Tani are mission specialists for this flight.

Additional information about STS-108 and the International Space Station is available on the Internet at: <http://spaceflight.nasa.gov>

Planning, training key to better cost control practices

by Debra Valine

NASA managers are being asked to keep a close eye on project budgets to avoid cost overrun by Marshall Center Director Art Stephenson.

Stephenson has issued a White Paper on Cost Control that states, "Better cost control is a must in the future of NASA's programs. There are a lot of legitimate reasons for cost overruns, but none are acceptable. Cost overruns can come from many sources," Stephenson said, and offered ways to avoid them.

He suggested all elements of a project — technical, schedule, cost and risk — be addressed on a regular basis to prevent cost overruns. "As we start up the Space Launch Initiative contracts, it is imperative that we use good cost control methodology,"

Stephenson said.

Marshall's Chief Financial Officer, Dave Bates, formed a Cost Control team to investigate ways to assess and to improve cost control practices at the Center. One of team's recommendations was that the Center use in-house subject matter experts to develop and present basic program planning and control courses for Marshall personnel. As a result, a series of 10 classes is planned to help strengthen workforce skills and knowledge. Each class is to be held for four hours on Wednesdays beginning Oct. 24. Enrollment is via AdminSTAR.

The first class, "Contract Administration," is an introduction to the fundamentals of pre- and post-award processes, with a focus on program/project interfaces with the

contracting officer.

Other classes will include Introduction to Scheduling Fundamentals on Oct. 31; NASA/MSFC Budget Overview on Nov. 7; Work Breakdown Structure, Nov. 14; Space Project Cost Estimating and Analysis, Nov. 28; Earned Value Management and Data Analysis, Dec. 5; Configuration Management, Dec. 12; and Risk Management, Dec. 19. Classes in January 2002 include Managing a Technology Program Jan. 23, Project Analysis and Schedule Assessment and Analysis, dates to be announced.

Full course descriptions are available on AdminSTAR. For more information, call Steve Patterson at 544-6260 or Janie Moyers at 544-7552.

The writer, employed by ASRI, is the Marshall Star editor.

NASA's Joe Rothenberg announces retirement

Joseph H. Rothenberg, associate administrator for Space Flight at NASA Headquarters in Washington, D.C., recently announced his plans to retire from the Agency, effective Dec. 15.



Rothenberg

No successor has been selected.

Rothenberg, who joined NASA in 1983, was named associate administrator in January 1998 and is in charge of NASA's human exploration and development of space. Before coming to NASA Headquarters, he served as director of Goddard Space Flight Center,

Greenbelt, Md., beginning in 1995.

"Under Joe's guidance NASA was able to complete the first phase of construction of the International Space Station and begin human operations onboard the orbiting research platform," said NASA Administrator Dan Goldin. "His work has established the knowledge base needed for safe and effective systems that will allow humans to live and work for extended periods in space."

New system allows NASAwide standards update notification

The NASA Technical Standards Program Office announces the availability of its Agencywide Standards Update Notification System (SUNS). This System will provide NASA staff and its supporting contractors with Web access to make specific requests for update notifications on technical standards in use.

The System will automatically notify individuals of updates, such as revisions, cancellations and superseded documents, to Technical Standards Products for which notifications are requested. SUNS is integrated with the Agencywide Full-Text Technical Standards System for updated Standards Product acquisition.

Anyone within the <nasa.gov> domain can access either System at the NASA Technical Standards Program Web site: <http://standards.nasa.gov>.

For more information, call Brenda Bailey at (256) 544-1312, or send e-mail to: brenda.bailey@msfc.nasa.gov.

The NASA Technical Standards Program is sponsored by the NASA Chief Engineer and managed by Paul Gill of the Marshall Center. Wendell Colberg of the Marshall Center is a member of the Program's Engineering Standards Steering Council.

The goal of the NASA Technical Standards Program is to provide a "One-Stop Shop" for Technical Standards and related information needed by the Agency's staff and supporting contractors in support of NASA Program's and Project's research, development and operations activities.

Marshall, Boeing modify EXPRESS racks to house biological research projects for Ames

by Debra Valine

Through an agreement between Ames Research Center in Moffett Field, Calif., and the Marshall Center, modified EXPRESS racks are being designed and built at Marshall for the Ames-managed Space Station Biological Research Project.

The EXPRESS Rack is a standardized payload rack system that transports, stores and supports experiments aboard the Space Station. EXPRESS stands for Expedite the Processing of Experiments to the Space Station, reflecting the fact this system was developed specifically to maximize the Station's research capabilities. The EXPRESS Rack system supports science payloads in several disciplines, including biology, chemistry, physics, ecology and medicine.

The EXPRESS rack was modified to meet Biological Research Project requirements. The new rack is the Habitat Holding Rack.

The Habitat Holding Rack, under development by the Boeing Co. and Marshall Center engineers, is a host

system that accommodates Space Station Biological Research Project subrack payloads — habitats — that house biological specimens, such as rodent, plant, insect, aquatic, egg, cell and tissue culture in a low-acceleration environment on the Space Station.

The EXPRESS racks provide two types of simple, standard interfaces for subrack payloads, Middeck Locker type interfaces, and International Subrack Interface Standard drawer interfaces. The Habitat Holding Racks provide only the International Subrack Interface Standard drawer interfaces to accommodate the habitats. The drawers have rear power and data connectors that mate once the drawer is installed and locked into position in the rack.

Upgrades to the EXPRESS Racks avionics to meet the biological research project requirements included the rack interface controllers, which provide command and data handling services to the habitats, and the Solid State Power Control Module that feeds power to the rack and habitats.

"The Habitat Holding Racks are the most complicated and densely packed payload racks we've built so far," said Robert Lake, systems engineer in Marshall's Flight Projects Directorate.

A total of three racks are to be built — one qualification rack and two flight racks. The qualification rack will be housed at Ames, and the two flight racks on the International Space Station.

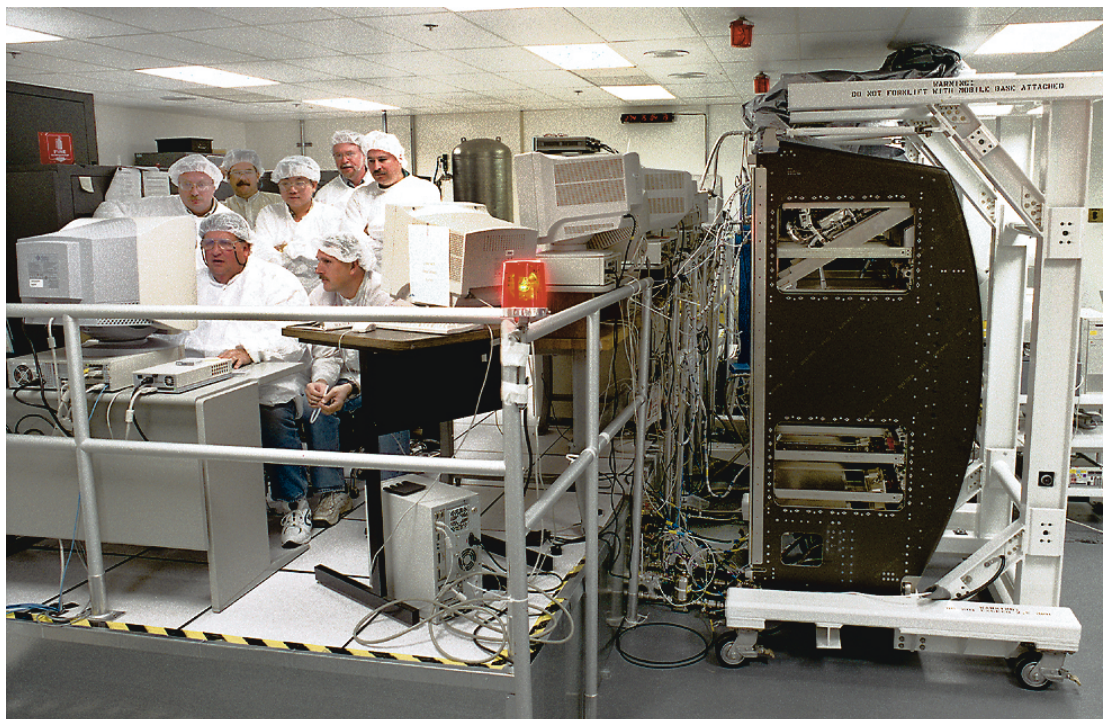
The qualification rack, in manufacturing for several months, has now reached the point for hardware and software integration to begin.

On Sept. 30, Boeing engineers applied power to the qualification rack for the first time, and software was loaded into the Rack Interface Controller and Solid State Power Control Module. Integration of the hardware and software, and more manufacturing work is expected to last until January. Then the rack will be ready for full-up qualification testing.

The first flight rack is scheduled to launch in January of 2005.

The writer, employed by ASRI, is the Marshall Star editor.

Test engineers watch the Payload Rack Checkout Unit monitor and control consoles while the Habitat Holding Qualification Rack undergoes hardware/software integration and testing. The rack is on the right in a rack handling adapter; the Payload Rack Checkout Unit is on the left.



Courtesy Photo

STS-104 crew visits Marshall, presents Snoopy Awards

Crew members of the Space Shuttle Atlantis STS-104 mission — who flew the first Block II Main Engine — visited the Marshall Center Oct. 5.

The Block II Main Engine, designed and managed by Marshall Center's Space Shuttle Projects Office, is one of the safest, most reliable and reusable space propulsion systems in the world.

During their visit with NASA and contractor employees, the crew — Commander Steven W. Lindsey, Pilot Charles O. Hobaugh and mission specialists: Michael L. Gernhardt, Janet L. Kavandi and James F. Reilly — signed autographs, showed a video and talked about their mission with employees.

They also presented "Silver Snoopy" awards to Marshall employees who contributed to the success of the Space Shuttle or International Space Station programs. Members of the STS-104 crew met with news media during their Marshall visit. They also visited the U.S. Space & Rocket Center.



Photo by Ray Downward, NASA/Marshall Space Flight Center

STS-104 Commander Stephen Lindsey presents a Silver Snoopy Award to Donna White of Rocketdyne.



Photo by Dennis Olive, NASA/Marshall Space Flight Center

Mission specialist Michael Gernhardt presents a Silver Snoopy Award to Bobby Collins of CSOC.



Photo by Jeff Wolfe, NASA/Marshall Space Flight Center

Pilot Charles Hobaugh and mission specialist James Reilly present a Silver Snoopy Award to Teresa Hobbs.



Photo by Adeline Byford, NASA/Marshall Space Flight Center

Mission specialist Janet Kavandi presents a Silver Snoopy Award to Talmadge Reynolds of Marshall's Management Support Office.



And the winners are

Flight Projects Directorate honors employees

Flight Projects Directorate presented 72 awards at a recent ceremony to honor teams and individuals for performance, safety and exemplifying the Marshall Center Values.

Dr. Jonathan Campbell received two Patent Awards. Also presented were Group Achievement Awards, Certificates of

Appreciation and Shining Star awards were presented, as well as Shooting Stars Awards reflecting humorous incidents that occurred over the past year. Special awards with a frog motif were given to people who served as the Temporary Office Assistant to the Director (TOAD) during the past year.

Star Awards

Seventy-three employees were nominated for Star Awards, which were awarded to peer-nominated individuals who serve as role models for the Marshall Core Values and safety. Flight Projects' Director Jan Davis presented the awards.

**Photos by Doug
Stoffer, NASA/
Marshall Space
Flight Center**



Adonna Mitchell, left, received the award for the People Value.



Vic Hamrick, right, received the award for Excellence.



Michelle Schneider, left, received the award for Customers.



Sam Digesu, left, received the award for Teamwork.



Don Holder, left, received the award for Innovation.



Gene Hartsfield, right, received the award for Safety.

Certificates of Appreciation:

Deborah Bagdigian
Bob Bradford
Chris Bramon
Jon Campbell
Anne Carter
Renee Cox
Elaine Duncan
Bob Erickson
Ken Frederick
Cynthia Frost
Bob Goss
Vic Hamrick
David Harwell
Cindy Hutchens
Tom Inman
Frankie Jernigan
Angie Johnston
Brian Key
Angela Marsh
Jerry Maxwell
Steve Meacham
Charlie Mueller
Kathy Ogle
Robert Phillips
Shawn Reagan
David Reynolds
Dawn Walton
Ricky Welch

Shining Stars

Shining Star Awards were presented to people who had done something special to put the directorate in a good light.

Employees receiving
the Shining Star Award:
Darrell Bailey
Denise Braswell
Murray Castleman

Rickey Cissom
Scott Croomes
Paul Gilbert
Rhega Gordon
Vic Hamrick

Ann McNair
Jim Reuter
Teresa Vanhooser

Shooting Stars



Stick To It Award — Jackie Steadman



Bldg. 4610 Pet Show Best of Breed Award — Teresa Vanhooser



Houdini Award — Annie Burns



Small Business Sponsorship Award — Ann McNair



Creative Customer Commitment Award — Kennedy Mitchell



10 Days without a Basketball Injury — Scott Croomes

TOAD Awards



Theresa Maxwell



Gregg McDaniel



Lewis Wooten

Group Achievement Awards

3A Spacelab Pallet Team
Flight Transition Team
FPD Award Team
FPD ISO Audit Team
FPD Round Table
FPD Safety Committee
Ground Support Personnel Training Team
Ground Support Requirements Team
Ground Systems Department Integration Focus Team
High-Pressure Oxygen Trailer Team
Increment Payload Operations Cadre
Interim Control Module Project Team
Internal Thermal Control System Simulator Team
ISS 3A Assembly Mission Team
ISS Data Systems Team
ISS Flight 6A Mission Team
ISS Flight 7A Mission Team
ISS Payload Integrated Testing Team

ISS Payload Operations Test Team
Manufacturing, Materials and Processing Team
Mission Planning Payload Activity Requirements Coordinator Team
MPLM Leonardo ISS Flight 5A.1 (STS-102) Team
MPLM Raffaello ISS Flight 6A (STS-100) Team
Multipurpose Logistics Module Development Team
Node 2 Design Review No. 2 Team
Nodes 2/3 Project Software Team
Payload Crew Training Team
Payload Crew Training Team
Payload Display Review Panel Team
Payload Operations Data File Team
PSS Integration and Test Team
Program Critical Hardware Airlock Move Team
Shuttle Radar Topography Mission Team
Space Solar Power Project Team
TreK System Testing Team

Anthrax explained

What Is Anthrax?

Anthrax is a rare disease that occurs usually in animals in most continents. The bacteria, *Bacillus anthracis*, can infect humans through physical contact, ingestion or inhalation. Because of the bacteria's ability to form spores (like dormant seeds), anthrax is one of the agents that could be used for Biological warfare.

What are the Symptoms of Anthrax?

Between 1-6 days after exposure, symptoms can occur. Contact symptoms initially start out as bump like an insect bite, which develops within 1-2 days into a vesicle or blister and then a painless ulcer 1-3 cm in diameter.

Similar to some spider bites, a black dry necrotic area then develops and can be associated with local lymph gland swelling. Ingestion symptoms include nausea, loss of appetite, vomiting, fever, then abdominal pain, vomiting of blood, and severe diarrhea. Inhalation symptoms are those similar to a common cold (fever, fatigue, occasionally a dry cough and chest discomfort) that can initially improve.

Symptoms can progress to abrupt development of severe respiratory distress with shortness of breath, sweating, and cyanosis.

Survival—if untreated—after symptoms range from 75% for skin infections to only about 10% for pulmonary infections. Exposure to a minimum number of Anthrax spores is necessary for infection to occur. Experts think about 8,000 spores are necessary for infection to occur. Anthrax is NOT contagious. Anthrax CANNOT be passed from one person to another.

Prevention/Prophylaxis/Treatment

The best way to treat Anthrax is to prevent exposure. If a package or postal mail looks abnormal, then think twice about handling it or opening it. It may be helpful to have gallon size zip-lock bags available in areas where mail is opened. If something contains a powdery substance that might possibly be Anthrax, then avoid handling it and slip it into the plastic bag and seal it. Avoid touching your eyes, or mouth, and wash your hands well with soap and water as soon as possible. Notify the appropriate authorities immediately.

If a possible exposure occurs, then testing for the presence of Anthrax is accomplished by nasal swabs and, if possible, by blood test. Following testing, a common antibiotic — usually 500 mg. of Ciprofloxacin twice a day — is prescribed. This prophylactic therapy is very effective in preventing development of disease.

Once prophylactic antibiotic therapy is begun, current convention requires continuing for 60 days. Antibiotics should NOT be taken unless there is credible indication of exposure to Anthrax because of potential side effects and development of resistance in many bacteria currently sensitive to these drugs.

Anthrax

Continued from page 1

- Lopsided or uneven in weight or appearance
- Rigid or bulky in appearance
- Strange odor
- Wrong title with name of addressee
- Oily stains, discolorations or crystallization on

wrapper

- Excessive tape of string
- Visual distractions
- Handwritten or poorly typed addresses
- Titles but no names

"If anyone should see one or more of the above indicators, the letters or parcels should be handled with care," Odum said. "Do not shake or bump the article. Isolate the package. Do not open it, smell it or taste it. Treat the item as a suspect package and call 911 and report it immediately."

If the parcel is open and/or a threat is identified, Odum said the following procedures should be followed:

- If the parcel is a suspected bomb, evacuate the building or facility immediately.
- For suspected radiological, limit exposure, do not handle. Isolate the parcel and clear the area.
- For suspected bacterial or chemical contamination, isolate and do not handle the parcel.
- For letters or parcels that are opened containing powders or other unknown substances, the item should be placed in a plastic bag and sealed. As soon as the item is sealed, wash hands and arms in soapy water.
- Under any of the above conditions, 911 should be called immediately.

"If a letter or parcel is received unexpectedly which contains a return address, attempt to make contact with the sender to verify contents and that the article was indeed sent from that location," Odum said. "The caller should obtain a description of the package from the sender, along with the exact contents of the package and packaging material. If this cannot be verified, treat the package as suspicious and follow the above procedures."

The writer, employed by ASRI, is the Marshall Star editor.

NASA health care officials will update employees with further information, as it becomes available.

Additional information is available on the Web at:

<http://www.cdc.gov/ncidod/diseases/bioterr.htm>

<http://www.nbc-med.org>

<http://www.travel.state.gov>

http://www.usps.com/news/2001/press/pr01_1010tips.htm

<http://ohp.ksc.nasa.gov>

Marshall CFO Bates trades golf clubs for motorcycle

by Jonathan Baggs

David Bates had a choice to make about three years ago — keep driving a little white ball across clean-cut fairways or start driving a motorcycle across country.

Now, when Marshall's chief financial officer arrives at his office, no one even blinks at the boot- and helmet-clad executive.

Bates' responsibilities are demanding and vital for Marshall: He directs development, implementation and administration of integrated resources management for the center's annual budget of \$2.2 billion. But the Texas-born, California-bred man who expects high performance from his staff — and himself — calls it “a fascinating job.”

“From the Marshall Center, we actually provide a whole array of financial services to all 10 NASA field centers across the United States,” says Bates. “Dealing with people, getting them to perform at a high level, and the challenge of making the dollars fit, is a fun and fascinating thing for me.”

And his fascination for motorcycles is his way of relaxing. He's certifiably hooked on riding since switching from golf balls to cycles.

“It was weird, really weird,” Bates says. “I used to play golf. I was looking for something different to do and I ended up riding on the back of a bike. I started talking to the owner and I thought, ‘Well, maybe that's what I'll do.’”

Since that day, Bates has owned seven motorcycles. Today he owns four and has racked up more than 90,000 miles on them. His longest trip was a 6,000-mile, 13-day jaunt across country and back. For the past three years he's also made the more than 1,400-mile ride from Huntsville to the annual motorcycle rally in Sturgis, S.D., that celebrated its 61st anniversary in 2001.

Bates — who's not just a fair-weather biker — rides one of his bikes to work two or three times a week. “I ride year-round. It's the total feeling about them and the lifestyle. They represent America and its way of life. It's just fun to get on a bike and go. The more I do it, the more I have to do it.”

On weekends, he likes to take to the hills and valleys of Northeast Alabama or to cities and towns north of the state line in Tennessee, such as Nashville, Winchester and Chattanooga.

“Those areas are scenic and full of hills and curves,” Bates says.

Those old images of burly bikers roaring around on their “haws” is not a one-size-fits-all description today. When Bates — a pretty burly fellow himself — rolls into motorcycle rallies, he shares career and biking stories with the rest of them. Today's bikers don't find anything ironic about having a NASA financial guy in their midst.

“They're used to people from a variety of backgrounds and all walks of life. That's one thing about riding motorcycles —



Photo by Emmett Given, NASA/Marshall Space Flight Center

David Bates, Marshall's Chief Financial Officer, relaxes on his motorcycle.

there's a camaraderie, maybe a little bit of a ‘living-on-the-edge’ mentality. I've met a lot of different people and made a lot of friends.”

Born into a military family in Texas, Bates grew up in Ridgecrest, Calif. He calls Ridgecrest his “hometown,” and graduated in 1967 from Burroughs High School. His mother, Susan Bates, still resides in Ridgecrest.

He earned his bachelor's degree in economics from the University of California, Davis, and soon after began his federal career as a budget analyst at the Naval Weapons Center in China Lake, Calif.

Bates joined NASA in 1980 as a senior resources analyst at NASA Headquarters in Washington, D.C., and went on to other positions in NASA in Houston, Texas, and Reston, Va., throughout the 1980s.

Appointed to the federal Senior Executive Service in 1988, he returned to NASA Headquarters in 1989 as chief of program evaluation in the Office of Space Flight. He became chief financial officer at the Marshall Center in 1996.

Bates has received NASA's Exceptional Achievement Medal and was twice awarded the Presidential Rank Award for meritorious executive service. Recently, he was selected as one of 48 NASA employees nationwide to participate in the Senior Managers in Government Program at Harvard University in Cambridge, Mass.

Just as the new adventures and discoveries of space travel fire Bates' imagination, so do the adventures and discoveries he makes straddling a motorcycle. “It's the old adage,” he says, “that if you have to ask why I like to ride motorcycles, you won't understand.”

The writer, employed by ASRI, supports the Media Relations Department.

Year 2001 physical equipment inventory progressing smoothly

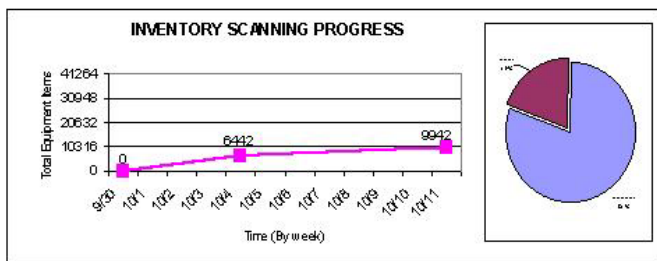
The Marshall Center physical inventory of all government-owned equipment is ongoing through Dec. 31.

Center Operations Directorate solicits the support of all Marshall civil servants and contractor employees to ensure thorough scanning accessibility of all offices, locked spaces and cabinets. This will minimize unnecessary return trips and ensure that the Marshall Center performs a quality inventory of all Center assets.

As of Oct. 11, 9,942 equipment items had been inventoried.

The inventory schedule is provided on the Web at:

<http://inv2001.msfc.nasa.gov>



CFC bus tours continue, Community Service Days start

The Marshall Center's Combined Federal Campaign (CFC) runs through Nov. 19.

Employees may make contributions on the Web at: <http://cfc2001.msfc.nasa.gov> or through section CFC solicitors.

Contractors may make one-time contributions through section solicitors. Retirees may make contributions by calling Lowell Newton at 544-7285.

Bus tours

Bus tours to participating CFC agencies will be:

Oct. 18 — Boys and Girls Club and the Senior Center.

Oct. 23 — Pathfinders and Habitat for Humanity.

Oct. 24 — The Ark and United Cerebral Palsy

Oct. 25 — Land Trust and Bount Hospitality House

The bus will pick up at Bldg. 4610 at 8:10 a.m. and drive to the Bldg. 4203 north loop where it will depart at 8:20 a.m. for the first stop, arriving by 8:30 a.m. It will leave that stop and arrive at the next location at 9:45 a.m. It will depart the second location at 11 a.m. to return to Bldgs. 4203 and 4610.

Please be at the bus pickup locations 10-15 minutes prior to departure.

For more information, call Karen Dugard at 544-0037.

Community Service Days

Community Service Days will be from Oct. 22-Nov. 2. Center Director Art Stephenson has granted four hours of administrative leave to employees who volunteer. Employees are responsible for their own transportation to and from the work sites and safety should be the priority when volunteering.

Participating agencies include: Union Hill Personal Growth Center: Oct. 29 and 30, Nov. 1 and 2 from 1-5 p.m. Huntsville Botanical Gardens: Oct. 22, 24, 26, 29, 30 and Nov. 1 from 8:30 a.m.-noon. CASA of Madison County: Oct. 23, 26 and Nov. 1 from 8:30 a.m.-noon. Downtown Rescue Mission: Oct. 24, 25, 30, 31 and Nov. 1 from 9 a.m.-1 p.m. Huntsville Hospital Foundation: Oct. 29, 30, 31 and Nov. 1 from 10 a.m.-2 p.m. Big Brothers/Big Sisters: Oct. 23, 24, and Nov. 1 from 2-5 p.m.

For more information, call Teresa Foley, executive vice-chairwoman for Community Service Days, at 544-0335.

Excess property auction set Oct. 31

An auction disposal sale of excess Marshall property will be held beginning at 9 a.m. Oct. 31 at the Intergraph Bldg. 21.

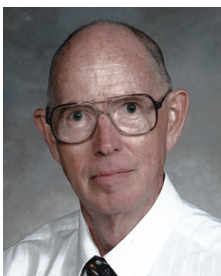
Some 185 lots of miscellaneous automated data processing and various test equipment will be sold.

Pre-sale viewing will be from 8 a.m.-3:30 p.m. Oct. 30 and 7:30-8:45 a.m. Oct. 31.

For more information, call Greg Tate at 544-1774.

Obituary

Rouse, Byron B., 68, of Huntsville, died Oct. 7. Rouse worked as a rocket scientist in research and development in the Facilities Engineering Department, Center Operations Directorate, at the Marshall Center. He also worked on the Saturn V program in Cocoa Beach, Fla. He was inducted into the Alabama Engineering Hall of Fame and received a Silver Snoopy Award for his contributions to the space program. He is survived by his wife, Carol Rouse.



Rouse

Center Announcements

State of City Address

Marshall employees are invited to attend the State of the City Address featuring Huntsville Mayor Loretta Spencer, at noon Oct. 31 at the Von Braun Center North Hall. Tickets are \$25. Reservations and payment must be received by Oct. 22 by Rosa Kilpatrick in the Government and Community Relations Department.

NASA/High School Senior Day

Marshall Center employees and on-site contractors will be admitted free to the Nov. 17 NASA/High School Day at Alabama A&M University upon presentation of their badge. The Alabama A&M University football team will play the University of Arkansas-Pine Bluff at 1:30 p.m. at the Louis Crews Stadium on the campus. A limited number of tickets for family members may be picked up from the Government and Community Relations Dept., Bldg. 4200, room 828. The event is in conjunction with the NASA Exchange.

Blood Drive

Marshall's monthly blood drive will be held from 8 a.m.-1:30 p.m. Friday in the NASA Exchange gymnasium, Bldg. 4752. All blood types are needed to help maintain a sustained and secure blood supply for all Americans. Donors will receive a gift certificate for Domino's pizza. Anyone who cannot attend this blood drive but wishes to participate can donate at The American Red Cross, 1101 Washington St., Monday through Thursday from 10 a.m.-5:30 p.m. or on Friday from 8 a.m.-1 p.m.

Upcoming Classes

Resume building briefings

The NASA STARS Process and Employee Resume Building briefings will be from 9:30-11:30 a.m. Oct. 24 and Oct. 30 in Bldg. 4200, room G-13C. Each session is limited to the first 25 participants. For details, call 544-7560.

Coping, listening workshops

Two workshops will be presented Oct. 23 in Bldg. 4200, room G-13C. Coping with Tough Times will be from 8-11 a.m.; Improve On-the-Job Listening and Speaking Skills will be from 12:30-3:30 p.m. Civil servants may register via AdminSTAR. For more information, call Chrissa Hall at 544-5468.

Retirement planning seminar

A retirement planning seminar will be held from 8:30 a.m.-4 p.m. Oct. 25 in Bldg. 4200, room P106. The seminar provides participants with a detailed understanding of the benefits they are entitled to under CSRS/FERS/Social Security/Medicare Programs, Thrift Savings Plan, the Federal Employees health insurance and life insurance programs. Civil servants within 5-10 years of retirement may attend. The seminar is limited to 30 participants. To attend, register via AdminSTAR. For more information, call Chris Robinson at 544-1422.

Hire the right people

A live seminar, "Briefing for Managers: Win for Your Company — Hire and Coach the Right People from the Start," will air from 12:50-4 p.m. Oct. 25 on Marshall Continual Learning Channel 14. This seminar may be viewed in Bldg. 4200, room G13 or on any Center television that receives MCLC 14. To register for this seminar and receive materials, e-mail the name of the seminar, your full name and phone number to edtec@msfc.nasa.gov.

Clubs and Meetings

Shuttle Buddies meet

The Shuttle Buddies will meet for breakfast at 9 a.m. Oct. 22 at Mullins Restaurant on Andrew Jackson Way. For more information, call Deemer Self at 881-7757 or Gail Wynn at 852-8189.

Miscellaneous

Small business opportunities

A Business Partnering and Opportunities Conference and Exhibition will be held Oct. 24-25 at the Von Braun Center. Cost for the conference is \$100 (\$125 after Oct. 14); \$20 to attend the Oct. 24 Exhibition only; and \$250 for booth space. For more information and to register, visit the Web at: www.intergraph.com/govt/bpoc

Rocket City Day

James (Gene) Thomas, Challenger Space Shuttle launch director, will speak at Rise and Shine Rocket City Day at 9:30 a.m. Oct. 28 at Whitesburg Baptist Church on Whitesburg Drive in Huntsville. Thomas will share his personal struggle through those days following the Challenger disaster and hope for the days ahead of us all following the Sept. 11 terrorist attacks on America. A special breakfast reception will be at 8:30 a.m. If you plan to attend the reception, call 881-0952.

Hispanic Heritage Celebration

Ballet Concierto de Puerto Rico will perform "Carmen" and "Latinissimo" at 3 p.m. Sunday at the Von Braun Center. Show your badge at the VBC ticket office and get a \$2 discount on any ticket. The discount is available to military, civil servants and government contractors.

NASA Exchange

Community Chorus

NASA employees, retirees and contractors can receive a 10 percent discount to all Huntsville Community Chorus Association (HCCA) concerts and musicals. The discount can only be obtained by presenting your badge at the HCCA office, 3312 Long Ave (Fantasy Arts Center). Regular prices are: adults - \$12 and seniors/students - \$10. For more information, call 533-6606.

Employee Ads

Miscellaneous

- ★ Sears chipper/shredder, 8HP, \$400; new baseboard heaters; competition model tape recorders, boxes, \$15. 837-6776
- ★ Golf iron set, left hand XPC-Plus cavity back heads, 1 iron – PW, SW, LW, \$132; woods available also. 461-0482
- ★ Ice cream table, two chairs, wrought iron legs, solid oak tabletop and chair seats, make offer. 230-0557
- ★ Ticket to Beauty and the Beast, Oct. 28, 2 p.m., Orchestra, face value. 881-0755
- ★ Compaq monitor, 17," \$100; Goodyear tires, four, 205/175 used, 9K, \$100. 534-3252
- ★ Beanie babies/buddies, call to find out which ones, make offer. 539-9777
- ★ Gemeinhardt flute, open holed, silver plated, \$400. 533-2543
- ★ Basketball pole, steel, \$25; TV stand with doors, \$45. 830-6584
- ★ GE color TV, 19", remote, cable ready, clear picture, \$55. 461-8369
- ★ Power Mac 7200/75, CD-ROM, color printer, scanner, ext. drive, modem, S/W, \$225. 729-6375
- ★ Six tickets, NASCAR ARCA Foodworld 300 race, Saturday, Oct. 20 at Talladega Superspeedway, \$25 each. 230-6909 or 431-3784
- ★ ZAPF 1988 Doll, 16," original clothes, from West Germany, asking \$25 obo. 461-8369
- ★ Gateway Pentium II, 350MHz, 64MBRAM, DVD-ROM speakers, 17" monitor, WIN98, \$400 firm. 325-2524
- ★ Cream-colored love seat and sofa, \$300 obo. 721-6392
- ★ Vermont castings fireplace insert, mfg. 1983, built-in blowers, adapter/flue, frame/panels, \$450 obo. 536-5567
- ★ Men's 10-speed Murray Phoenix bicycle, needs rear tire repaired, \$5. 837-2386
- ★ Three used Michelin XW4 – P225/60R16 WSW tires with approximately half tread left, \$30. 883-8233
- ★ Pedestal sink with faucet, \$75. 355-5610 after 6 p.m.
- ★ Very rare Father/Son Earnhardt Coke Front,

\$1,000; also Earnhardt Sr. Coke Front. 858-6746

- ★ Barbies, two NASCAR 50th Anniversary, two '97 Happy Holidays in box, \$20 & \$25. 461-8369
- ★ Factory F150 Chrome rims for 1997 thru 1999 model, \$250. 890-0297
- ★ Lowe fully loaded aluminum Bass boat; 16', garage kept; \$3,500. 772-9431
- ★ Maytag washer & dryer, heavy duty/super capacity, 5 years old, \$425. 325-8958
- ★ Maytag portable dishwasher, beige w/ butcher block top, \$150. 533-2543/527-3505
- ★ Antique Duncan-Fyfe sofa with mahogany coffee table. \$190. 881-8674
- ★ Cello with bow and soft case, \$200; also full size violins, \$150. 534-8186
- ★ All-leather ladies golf shoes, metal cleats, size 7A, brown, \$35. 461-8369
- ★ Shotgun, 12 gauge, shell re-loader and associated supplies, \$100; forced air fireplace insert, \$45. 881-7239
- ★ Three base cabinets with drawers, one sink base, all 36" wide, \$25 each obo. 880-9888
- ★ 2001 Schwinn Mesa GSX mountain bike, 19," speed pedals, front suspension/76mm travel, \$350. 489-0335
- ★ Exterior door w/15 lights, left handed, 32," \$70 obo; storm door, 36", right handed, \$15. 430-3413
- ★ Bridgestone Potenza P205/65R 1592H blackwall, \$40; steel 5-hole 97 Maxima wheel, \$35. 256-881-4028
- ★ 1980 Suzuki motorcycle, GS550L, black, new paint and brakes, 13K miles, \$1,250. 881-3379

Vehicles

- ★ 1999 Honda CRV-Ex, 4WD, automatic, keyless entry, CD player, luggage rack, black w/black-gray interior, \$17,900. 353-0370 after 5 p.m.
- ★ 1999 Silverado, 4x4, 4.8L, V-8m, LWB, white w/chrome toolbox, CD, Flo-master exhaust, 59K miles, \$15,500. (256) 426-5283
- ★ 1990 Honda Accord LX, 2-door, 5-speed, a/c, pw/pl, cruise, AM/FM cassette, 124K miles, \$3,800. 859-0729/213-9869
- ★ 1991 Toyota Previa LE van, 120K miles,

front/rear air, captain's chairs, all-power, \$4,750. 837-5580

- ★ 2001 Honda Accord LX, V-6, 4-door, silver, all-power, 39K highway miles, one-owner, \$18,500. (205) 647-4949
- ★ 1998 Pontiac Grand Prix SE, 4-door, 57K miles, \$11,800. 350-1809
- ★ 1992 Cadillac Seville, dark blue exterior & interior, a/c system converted, \$6,200. (256) 772-8489
- ★ 1978 Camaro Z28, 350, black, 40K miles, \$3,900 obo. 880-2859.
- ★ 1990 Pathfinder SE, two-door, red, manual 5-speed, 4WD, 16,500 miles, new tires, \$4200, (256) 864-3133
- ★ 1998 Toyota Tacoma SR5, ext. cab, V-6, 4x4, 5-speed, TRD package, 46K miles, \$17,000. (256) 586-7797
- ★ 1989 Taurus wagon, all-power, (new 134a a/c, battery, v-belt, P/S hose), 106K miles, \$1,195. 883-1962
- ★ 1987 GMC Sierra suburban, 132K miles, 350 auto, overdrive, utility vehicle towing, no a/c, \$1,975. (256) 753-2278
- ★ 1996 Chevy S-10, ext. cab, 5-speed, air, cruise, bedliner, 58K miles, \$7,300. (256) 895-0634
- ★ 2001 GMC Jimmy SLS, V-6, 5-speed, take over payments. 858-5552
- ★ 1983 Suburban, 350, towing package, third seat, roof rack, E-windows and doors, \$1,800. 880-8359

Wanted

- ★ Six tickets to Auburn/Louisiana Tech game on Oct. 20. 772-3800
- ★ Children's videotapes. 881-8674
- ★ Older shotgun. 883-2757
- ★ Captain's bed, no mattress. 539-9777

Free

- ★ Cat, male, neutered, declawed, Russian Blue, 8 yrs. old, no children. 464-6928
- ★ Male rat terrier, 1 yr. old, neutered, all shots, needs playmate. 539-9491

Lost

- ★ Checks made out to Cub Scout Pack 83, vicinity Bldg. 4487. 544-3323

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